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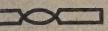
1917/18

BULLETIN OF THE

TULANE UNIVERSITY OF LOUISIANA

SERIES 18 MARCH, 1917 NUMBER 3

College of Arts and Sciences



ANNOUNCEMENT FOR 1917-1918

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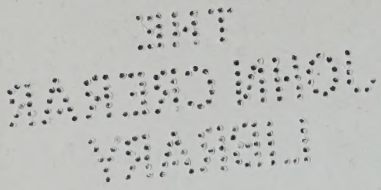
THE TULANE UNIVERSITY OF LOUISIANA

College of Arts and Sciences

ANNOUNCEMENT FOR 1917-1918



CALENDAR

1917-1918

[The college year is divided into two terms].

1917

Sept.	14 Friday to 22 Saturday		Entrance and Condition Examinations for all Colleges of the University.
Sept.	24	Monday	Registration of New Students.
Sept.	25	Tuesday	Registration of Old Students.
Sept.	26	Wednesday	Instruction begins.
Nov.	1	Thursday	All Saints' Day. A holiday.
Nov.	29	Thursday	Thanksgiving Day. A holiday.
Dec.	22	Saturday	Christmas holidays begin.

1918

Jan.	3	Thursday	University reopens, 8:30 a. m.
Feb.	1	Friday	Second Term begins.
Feb.	11	Monday	Mardi Gras. Holidays.
Feb.	12	Tuesday	
Mar.	29	Friday	Good Friday. A holiday.
June	5	Wednesday	University Commencement.

FACULTY—1916-17

ROBERT SHARP, A. M., Ph. D., President of the University.

ALBERT BLEDSOE DINWIDDIE, M. A., Ph. D., LL. D., Dean and Professor of Mathematics and Astronomy.

WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D., Professor of Philosophy. Emeritus.

ROBERT SHARP, A. M., Ph. D., Professor of English.

WILLIAM WOODWARD, Professor of Drawing.

ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry.

MORTON ARNOLD ALDRICH, Ph. D., Professor of Economics and Sociology.

REGINALD SOMERS COCKS, A. M., Richardson Professor of Botany,

MAX HELLER, M. L., Professor of Hebrew.

GEORGE EUGENE BEYER, Professor of Biology.

JOHN CHRISTIAN RANSMEIER, A. M., Ph. D., Professor of German.

EDWARD AMBROSE BECHTEL, Ph. D., Professor of Classical Languages.

MELVIN JOHNSON WHITE, Ph. D., Professor of History.

J. HARRY CLO, Ph. D., Professor of Physics.

ALPHONSE MARIN LAMESLÉE, B. ès L., A. M., Professor of French.

WILLIAM PRENTISS BROWN, M. A., Associate Professor of English.

JAMES EDWARD ROUTH, Jr., Ph. D., Associate Professor of English.

MATTHEW THOMPSON McCLURE, Jr., M. A., Ph. D., Associate Professor of Philosophy.

CARR THOMAS DOWELL, A. B., B. S., Ph. D., Associate Professor of Chemistry.

ROBERT LEONVAL MENUET, B. E., Assistant Professor of Mathematics.

ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of Classical Languages.

HAL WALTERS MOSELEY, M. Sc., M. A., Assistant Professor of Chemistry.

JOHN SMITH KENDALL, Instructor in Spanish.

WILLIAM ALVIN LOVE, M. D., Medical Officer of the University.
CARL ANDREWS HANSON, Physical Director.
HARVEY GEER WOOD, A. B., Instructor in Physics.
ANNA ESTELLE MANY, A. M., Assistant in Mathematics.
GARVIN DENNIS SHALLENBERGER, A. B., Assistant in Chemistry.
ARCHIBALD MAGILL SUTHON, A. B., Assistant in Latin.
GLADYS ELIZABETH CORSON GIBBENS, A. M., Assistant in Mathematics.
ERNEST OSCAR BECKER, Assistant in German.
GEORGE JOSEPH COUSIN, JR., Assistant in Chemistry.
EUGENE NICHOLAS EHRHART, Assistant in Chemistry.
JOSEPH MARR GWINN, JR., Assistant in Mathematics.
JULIUS SCHMITTLE HOFFMAN, Assistant in English.
JAMES NICHOLLS POCHE, Assistant in Biology.

COMMITTEES

FOR COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY

Committee on Admission and Advanced Standing: Professors Bechtel, Anderson, Menuet, Dinwiddie, Routh, LaMeslée.

Committee on Affiliated Schools: Professors Bechtel, Dinwiddie, Brown, Cocks.

Committee on Curriculum: Professors Dinwiddie, Anderson, Ransmeier, Bechtel, Creighton, Routh, White, Clo, Robert.

Committee on Courses for Teachers: Professors Lyon, Dinwiddie, Bechtel, White.

Committee on Heat, Light and Power Plant: Professors Anderson, Gregory, Clo, A. J. Goldborg.

Committee on Petitions: Professors White, Riedel, Kendall.

Committee on Students' Affairs: Professors Dinwiddie, Bechtel, Creighton, Anderson, Moseley.

REGISTRATION

Registration days, for 1917-1918, are, for new students, Monday, September 24; for old students, Tuesday, September 25. For students registering during the week following the regular registration days, a special fee of two dollars is charged. After that the late registration fee will be four dollars. For the second term there will be two registration days, Wednesday, January 30 and Thursday, January 31. Each student upon registration will obtain an admit eard, which must be presented to the instructor in charge of each class in which the stndent is enrolled and must be signed by the instructor. When the card has been signed by all of the instructors, it is to be returned to the Registrar's office.

REQUIREMENTS FOR ADMISSION

Applicants for admission must be not less than sixteen years of age.

The completion of a four year high school course or its equivalent is required for entrance. In order that the University may ascertain whether an applicant possesses this required preparation, the following plan has been adopted:

1) A "unit" of high school work is a subject pursued through one school year, with not fewer than five recitation periods a week.

2) Fifteen units are required for full entrance.

3) With thirteen units a student may be admitted to partial standing, on condition that the deficiency be made up before the opening of the second college year.

4) Applicants presenting less than 13 units will not be received.

5) These 15 or 13 units must include three units in English, three in Mathematics, including Solid Geometry, and at least two in a foreign language.

6) Applicants entering for the degree of Bachelor of Arts must offer, in addition to the above specified units in English and Mathematics, three units in Latin and either two units in Greek, or one unit in History and one in Science.

7) Applicants entering for the degree of Bachelor of Science must offer, in addition to the specified units in English, Mathematics, and Language, two units in Science and two in History. For the two units in Science one additional unit in Mathematics and one in the Language selected under (5) may be substituted.

8) The required and elective units must be chosen from the following table, making 15 units for full standing:

1. English Composition	2	15. American History	1
2. English Literature	1 or 2	16. Physics	1
3. Elementary Algebra	1½ or 2	17. Chemistry	1
4. Plane Geometry	1	18. Biology (Bot. and Zoo.)	1
5. Solid Geometry	½	19. Botany	1
6. Trigonometry	½	20. Zoology	1
7. Latin	2, 3, or 4	21. Physiology	1
8. Greek	2 or 3	22. Physiography	1
9. French	2 or 3	23. Freehand Drawing	1
10. Spanish	2	24. Mechanical Drawing	½
11. German	2 or 3	25. Wood-working	½
12. Ancient History	1	26. Foundry Work	½
13. Med. and Mod. Hist.	1	27. Forge Work	½
14. English History	1	28. Machine Tool Practice	1

9) No entrance credit will be allowed in any subject for an amount less than the minimum or more than the maximum given in table 8). No credit is given for less than two years (2 units) in any language offered for credit.

10) Certificates for work done in approved preparatory schools will be accepted only in the case of *graduates* of these schools. Applicants for admission who *have not graduated* from an approved school will be admitted only upon examination. An applicant coming directly from a high school from which he has not graduated, shall not be admitted to examination for admission.

11) No applicant will be permitted to matriculate until his certificate has been examined by the Committee on Admission. Certificates should be sent to the Registrar as soon as possible after closing of the school.

See special bulletin "Requirements for Admission" for detail information.

METHODS OF ADMISSION

Applicants for admission should report to the Dean at least one day before the time set for the entrance examinations, or for registration, in order that they may be properly instructed.

I. AS REGULAR STUDENTS

1. **By Examination.** Students desiring to enter the Freshman Class by examination, will be required to pass examinations in the

necessary number of units as outlined under Requirements for Admission.

2. **By Certificate.** Graduates of certain approved schools are received on certificate. Such certificate should state in detail the studies pursued by the student, the time devoted to each study and the work actually done, with a general recommendation for conduct and studious habits. This certificate will be accepted only in so far as it conforms with the entrance requirements. Students entering from approved schools must obtain from the Registrar of the University the printed form of certificate required.

II. AS SPECIAL STUDENTS

Applicants unable to satisfy the entrance conditions may be admitted as special students provided they are at least twenty-one years of age, and give evidence of ability to do creditable work in specified courses; and are recommended to the faculty by the professor in charge of the department of study in which they desire to take a large part of their work. Special students may, at the discretion of the Dean, be required to stand the entrance examination in English. Should they prove, after admission, to be unable to profit by the work undertaken or to be neglectful of their work, they will be required to drop back into a lower class or to withdraw.

Such special students are subject to the same regulations in regard to number of hours, class-room work, and examinations as students in the regular courses.

A special student must successfully complete at least one-half of the work undertaken each term. Otherwise he shall be dropped for deficiency and may enter again only by passing the entrance examinations or by certificate from an approved school. Special students, entering without examination or certificate, will be required to satisfy all entrance requirements before they may become regular.

ADVANCED ADMISSION CREDITS

Students bringing certificates from the proper officers of other colleges of satisfactory grade may be credited, tentatively, at the discretion of the Committee on Advanced Standing, with the work actually done elsewhere. Such credits shall become final only after the student shall have completed satisfactorily an approved number of courses in this college. Such students must obtain from the Registrar of the University the printed form of certificate required.

FEES AND EXPENSES

The annual tuition fee in this College for all students not holding scholarships is $100.

Each student is required to pay a registration fee of $15.00, a library fee of $5, and a gymnasium-athletic fee of $10; students excused from physical training, through prior credit, or for other reasons, shall not be excused from the payment of the gymnasium fee; and students working in laboratories are charged an annual fee of $15 for each laboratory used by them. Students taking Chemical or Physical Laboratory must deposit a fee of $5.00 to cover cost of breakage.

The gymnasium-athletic fee provides the use of the gymnasium, services of the Physical Director, and a season ticket to all major athletic events on the home grounds.

A medical fee of $5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

These fees are payable in advance in two equal installments, one-half at the beginning of each Term, except the Medical attendance fee of $5, the Library fee of $5, and the Gymnasium-Athletic fee of $10, which are paid at the time of registering.

A fee of $5, to cover expenses of graduation, diploma, etc., is charged to each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement. The amount is refunded should the degree not be conferred.

No deduction of fees is made for absence for less than a month. When the absence exceeds a month and the student has been withdrawn from the college because of continued sickness or other sufficient cause, a proportionate part of the amount paid will be refunded, on proper certificate signed by the Dean. Any application for return of tuition must be made within sixty days after the withdrawal of the student.

Students furnish their own books, drawing instruments, and drawing materials. They are required to pay the cost of apparatus which they may break or damage in the laboratories; they must also make good any other damage which they may cause to the University property.

Students may reside in the Dormitories, or obtain board and lodging at from $20 to $25 per month in boarding houses or private families at convenient distance from the University buildings.

The necessary expenses of a student are moderate; the spacious dormitories and the dining hall on the University grounds make possible comfortable, dignified living at a minimum cost.

The necessary expenses for a session are:	MINIMUM	MODERATE
Tuition fee	$100.00	$100.00
Registration fee	15.00	15.00
Library fee	5.00	5.00
Gymnasium-Athletic fee	10.00	10.00
Board and lodging, including heat and lights	160.00	200.00
Laundry	15.00	15.00
Books and stationery	20.00	25.00
Laboratory fees	15.00	30.00
Medical Attendance fee	5.00	5.00
Total	$345.00	$405.00

Students holding scholarships or free tuition will deduct $100.00 from the above total.

AMOUNT OF WORK

Freshmen and Sophomores will not be allowed to take more than the published number of hours each year of the regularly scheduled courses, and Juniors and Seniors will not be permitted to take more than eighteen hours each year, for credit, and that only by permission of the Faculty. Seniors will not be permitted to elect, for credit, any Freshman work. Laboratory periods of two hours count as one hour.

ATTENDANCE

Attendance must be regular and prompt.

Absences are to be excused only by the instructor in charge. Frequent absences without excuse will render the student liable to suspension or dismissal.

Students who are to be absent from the University in athletic, forensic, or other contests must obtain from the President or Dean leave of absence in advance.

EXAMINATIONS AND GRADES

At the end of each term an examination is held in each study pursued by the student. Seventy per cent is required on each examination for passing, and the examination mark, with the marks for the daily work, determine a student's grade for the term. The general average of these marks in each subject must be at least seventy

per cent. These grades fix the status of the student for the term in his several studies and are sent to parents.

In addition to these term reports, monthly reports of Freshmen and Sophomores, and half-term reports of all students, are sent to parents. On these reports, students are graded as follows: *A*, from 100 to 95 per cent; *B*, from 94 to 90; *C*, from 89 to 80; *D*, from 79 to 70; *E*, below 70 per cent, deficient; *I*, incomplete, indicating that some minor part of the work has been omitted, and is a condition until the deficiency is made up; *Absent*, meaning that a grade cannot be assigned because of absence from class work or examination.

REMOVAL OF CONDITIONS

1) **Entrance Conditions:** Students admitted to partial standing in the Freshman class may remove their entrance conditions

a) by passing entrance examinations in the additional subjects necessary, provided such examinations are passed within one year after admission to the University

b) by equivalent credits received from the Summer School.

2. *Entrance conditions must be removed before the opening of the second college year. No student will be permitted to register for any subject of his second year until his entrance conditions are removed.*

3. Students entering from other colleges will not be admitted to advanced standing in any class until all entrance conditions have been removed.

4. **College Conditions:** A student whose term grade in any subject lies between 70 and 60 per cent. shall have two re-examinations and no more. These examinations will be set at the beginning and end of the First Term and at the end of the Second Term.

5. A student whose term grade in any subject lies between 59 and 40 per cent shall have one re-examination and no more at the beginning of the next session.

6. A student failing in both re-examinations in the first case or in the one re-examination in the second case will take the subject over and reduce the number of hours in the regular course in proportion.

7. A student whose term grade in any subject lies below 40 per cent will not be entitled to a re-examination, but will be required to take the subject over and reduce the number of hours in the regular course in proportion.

8. *The summer vacation should be devoted to work preparatory to*

condition examinations, as deficient students will not be permitted to carry extra work during term time.

9. A Freshman having five or more term conditions at the end of First Term will be required to withdraw from the college.

10. A student of a higher class having five or more term condition at the end of the first term will be required to drop back at once to the next lower class, and will not be permitted to take any additional work in the higher class.

11. Seniors and students taking Senior subjects failing in any subject the first term will have two opportunities for the removal of the condition. The first re-examination will take place within three weeks after the beginning of the second term and the second will take place at the close of the second term. Seniors failing in any subject of the second term will have one re-examination and no more.

12. No condition examination will be given Seniors after the Saturday before Commencement.

13. A Senior who fails to pass for graduation with his class shall have the privilege of standing his examinations at the opening of the next session, and, if successful, will receive his degree.

14. Conditioned students absent from the regular condition examination must present an excuse satisfactory to the professor in charge of the subject or receive a zero for the examination. When an excuse has been accepted a special examination will be held for which a fee of two dollars will be charged, payable to the Bursar. The time for such an examination must be arranged by the student with the professor in charge, and before taking the examination the student must obtain a permit from the Dean and the Registrar's office. This permit must be presented to the professor holding the examination.

15. Any student having six term conditions at the beginning the session will be required to take the class over in all subjects.

16. No student with more than two term conditions may be permitted to register as a member of the next higher class, but shall be considered a member of the same class as the year before, until the number of his unremoved conditions shall not exceed two.

17. Under this rule the student who takes work in the next higher class and has three conditions will be required to omit one subject in the regular course.

18. A student who has more than three and less than six conditions will be required to omit two subjects in the regular course.

19. The subjects to be omitted shall be specified by the Dean.

20. The passing mark or grade for a condition examination shall be 80 per cent.

21. Conditions, whether due to failure, to incomplete work, or to absence, must be made up within a year from the date the subject was started, or the subject repeated in class.

PROBATION

When a student is placed on probation by action of the faculty, it shall mean that either his scholastic standing or his general conduct, or both, are such as to render him liable to dismissal, unless he makes an earnest effort and shows decided improvement within the period of his probation. The student should recognize that being on probation is but little short of dismissal from the college. A student on probation shall be debarred from participation in student activities during his period of probation.

SCHOLARSHIPS

State Scholarships. Under Section 6 of Act No. 43 of 1884, the University gives free tuition in the College of Arts and Sciences to one student from each senatorial and from each representative district or parish of the State of Louisiana. By resolution of the Board of Administrators these scholarships are for the present allowed also in the College of Technology. In the School of Architecture as re-established no free scholarships will be available. In accordance with the terms of this Act, the following rules have been adopted in regard to the candidates for these scholarships:

1. As provided in said act there shall be one such scholarship for each senator and each representative in the State, and it shall confer the privilege of free tuition.

2. Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

3. The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents, or guardian, shall be domiciled in said district or parish.

4. He must be a white male youth, not less than sixteen years of age, prepared for college work.

5. He may enter any regular class for which he is qualified. For entrance to the Freshman class reference is made to the requirements for admission given under Admission to the University,

6. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian, and the date of his birth.

7. Accompanying his letter of application he must present his appointment. Blanks for appointment may be obtained from the Registrar of the University. In order to identify the signature to such appointment of the senator or representative making it, his signature must be acknowledged by him before some competent state official.

City Scholarships. In accordance with the provisions of Ordinances Nos. 6767 and 7540, A. S., of the City Council of New Orleans, the Mayor of New Orleans appoints annually five students from the public schools of the City to scholarships in the College of Arts and Sciences or the College of Technology.

Honor Scholarships. Two scholarships in the College of Arts and Sciences or in the College of Technology (except the courses in Architecture) are awarded annually to those graduates of the Warren Easton High School of the City of New Orleans, who have been most distinguished for scholarship, deportment, and punctuality. These scholarships are to be filled upon the recommendation of the Principal and Faculty of the High School.

The Administrators of the University desiring to encourage schools of proper grade in Louisiana and other Southern States, have authorized the President of the University to offer one scholarship annually to approved high schools in Louisiana available in the College of Arts and Sciences, or in the College of Technology (except the courses in Architecture), and to approved high schools in other Southern States available in the College of Arts and Sciences only, to be awarded to a meritorious student, member of the high school class last graduated. It is understood that these scholarships are to be a reward of merit, and are to be offered by the Principal and Faculty of the school or academy to the student having the highest average grade; and in case he should decline, it may, by the consent of the President of the University, then be offered to the student having the next highest grade, provided that grade does not fall below the rank of excellent.

Alumni Scholarships. The Alumni Association of the University has been authorized by the Administrators of the Tulane Educational Fund to offer four free scholarships to meritorious and needy students, residents of Louisiana, one to be appointed annually, in case of a vacancy, in the undergraduate Colleges of the University (except the courses in Architecture). Applications for these Alumni Scholar-

ships should be made to the Executive Committee of the Alumni Association, Gibson Hall, New Orleans.

Board Scholarships. The Administrators of the Tulane Educational Fund grant free tuition in the Colleges of Arts and Sciences and College of Technology (except the courses in Architecture) to a limited number of meritorious and needy students, residents of Louisiana. Application blanks for these scholarships may be obtained from Mr. L. A. Wogan, Secretary, 211 Camp Street, New Orleans, La.

Louisiana Battle Abbey Scholarship. This is endowed by the Louisiana Battle Abbey Association and will be awarded to a worthy descendant of a Louisiana Confederate veteran, who shall qualify for it through a competitive examination. This scholarship is available in the College of Arts and Sciences or the College of Technology (except the courses in Architecture). Applications for this scholarship should be addressed to Mr. L. A. Wogan, Secretary, 211 Camp St.

The Weis Scholarships. In memory of the late Julius Weis, his family has established ten loan scholarships of one hundred and twenty-five dollars ($125.00) each. These scholarships will be awarded, as the funds are available, upon the recommendation of the faculties of the Colleges of Arts and Sciences and of Technology to students in Junior classes who, for lack of necessary funds, may find it impossible to finish the work of the Senior year. Students who wish to avail themselves of this fund should make application to the Faculties not later than May 1st.

If a sufficient number of worthy applicants do not apply from the College of Arts and Sciences and from the College of Technology, it shall be possible for the Faculties of these Colleges to award one or more scholarships to applicants in the Junior Classes of the College of Law aud the School of Medicine.

FORFEITURE OF SCHOLARSHIPS

(In the Colleges of Arts and Sciences and Technology)

Students holding State or City Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and are required to maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships, this forfeiture to take place at the close of the academic session in June. When a State or City Scholarship has been once forfeited, the legislator or mayor is notified of such forfeiture and the reasons therefor, and a student may re-enter on such scholarship only when newly appointed by the proper officer in the proper legal manner.

Students holding Honor Scholarships or Board Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and must maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships at the end of any term in which the low average occurs. But any student whose scholarship has been thus forfeited may regain it at the end of the following term if the required standard has been maintained; and the scholarship so regained may be retained as long as the required standard continues to be maintained and not longer.

Holders of scholarships absenting themselves from classes without satisfactory excuse render themselves liable to forfeiture of their scholarships at any time that the faculty may see fit to impose the penalty.

STUDENTS' AID AND SELF HELP

Students' Aid Fund. Worthy students of the Sophomore class or higher classes may borrow a small sum of money from the Students' Aid Fund, founded by Dr. A. L. Metz, to tide them over financial emergencies. Requests for loans from this Fund must be approved by the Deans of the School of Medicine, the College of Technology and the College of Arts and Sciences.

Self-Help. Every effort will be made to offer opportunities for self-help to deserving and earnest students of slender means. While efforts will be made to secure work for those willing and able to help themselves, it will be understood that there can be no guarantee of this and prospective students should be provided with sufficient means to meet their wants for a few months at least. During the last session work has been given all who have applied.

During past sessions increasingly larger numbers of students have been given work. These opportunities will continue to be offered, and other means of support will be devised. A committee on self-help has been appointed, and an appeal is made to friends of the University and of education to give employment to students whenever possible. Applications for employment should be made to the Committee on Self-Help, Gibson Hall, Tulane University.

MEDALS

The Glendy Burke Medals—founded in 1848 by Glendy Burke—consist of three gold medals which are awarded, one for Oratory, one for superior attainments in Mathematics, and one for an English Essay.

The Judah Touro Medals—founded in 1848 by Judah Touro—consist of three gold medals, which are awarded for excellence in Latin, in Greek, in Hebrew, and in Ancient History.

The Louis Bush Medal—founded in 1882 by Louis Bush—consists of a gold medal and is awarded for the best essay in the French Language.

The J. Hanno Deiler Medal—founded in 1909 by Professor John Hanno Deiler—consists of a gold medal and is awarded for excellence in German.

Competition for the above medals, except for the medal for English Essay is restricted to members of the Junior and Senior classes of the Colleges of Arts and Sciences and of Technology.

Competition for the medal for English Essay is at present open to members of all classes of the Colleges of Arts and Sciences and of Technology.

The Carnot Medal.—A medal is offered annually by Baron Pierre de Coubertin to the successful contestant in a debate upon some question related to French politics, and is open to competition to all students of the University.

General Rules Governing Awards of Medals.—No medal is awarded except when marked excellence is exhibited in the subject of the competition.

No medal shall be awarded to any student who is under condition at the time of the award of such medal.

In all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students must compete on the basis of work above and beyond the prescribed course; such work will be assigned by the faculty at the end of each session for the succeeding session. The essay must be typewritten on unruled paper of good quality, 8½ x 11 inches in size, with a margin of one inch on the four sides of the page, and handed to the Registrar of the University not later than May 1st, with a full list of the authorities consulted and a pledge that the work is original, and must bear a fictitious signature, accompanied by the name of the writer in a sealed envelope.

COURSES OF STUDY

The following courses of study are offered, either entirely within the College of Arts and Sciences or in conjunction with other colleges of the University:

1. **The Classical Course,** a four years' course, leading to the degree of Bachelor of Arts, and requiring the study, for two years, of both Latin and Greek.

2. **The Literary Course,** a four years' course, leading to the degree of Bachelor of Arts, and differing from the Classical Course in substituting for either Latin or Greek further study of French or German, or Spanish, and in its group system of elective studies.

3. **The Scientific Course,** a four years' course, leading to the degree of Bachelor of Science, and offering fundamental training in mathematics and in natural sciences, with a broad basis of general culture.

4. **The Course in Education**, a four years' course, leading to the degree of Bachelor of Arts in Education, and designed to give prospective high school teachers a sound academic basis of general culture, an accurate knowledge of, and training in, the fundamentals of educational science, and an extended study of the subject they wish to teach.

5. **The Pre-Medical Course,** a two-year course, arranged to meet the demands of the best medical instruction and giving full preparation for entrance into the freshman class of the Tulane School of Medicine. The course is offered in two forms, according as the student is or is not a candidate for the Bachelor of Science degree.

6. **The Combined Academic-Law Course,** which enables the diligent and ambitious student to complete the work required for both the Bachelor of Arts and the Bachelor of Laws degrees in six years, without sacrificing or lowering the standard or quality of either degree.

7. **The Combined Academic-Medical Course,** which enables the diligent and ambitious student to complete the work required for both the B. S. and the M. D. degrees in six years or in seven years, as the case may be, without sacrificing or lowering the standard or quality of either degree.

An outline of the courses is given below. For detailed information on the character of work in each subject, see under Courses of Instruction.

Classical Course

FRESHMAN YEAR	HOURS
Latin 1	3
Greek 2	3
English 1, 2. Composition; American Literature	3
Mathematics 1, 2 (a), 3. Algebra, Trigonom.; Anal. Geom.	5
History 1. Mediæval and Modern Europe	3
Physical Training	1
	18

SOPHOMORE YEAR	HOURS
Greek. 3	3
Latin. 2	3
English. 3. Literature, Language	3
German. 1. or French. 1*‡	3
Mathematics. 4, 5, 6.	5
Physics. 1. Experimental	3+2
Chemistry. 1. General	3+2
Zoology. 1. Introductory	3+2
Botany. 1. Introductory	3+2
	17

JUNIOR AND SENIOR YEARS

30 hours, wholly elective.

Literary Course

FRESHMAN AND SOPHOMORE YEARS	HOURS
English. 1, 2. Composition, American Literature	3
English. 3. Literature, Language	3
Greek. 2. Greek. 3 Latin. 1. Latin. 2 German. 1. German. 2 French. 1. French. 2 Spanish. 1. Spanish. 2	12
History. 1. History. 2. History. 3 Economics. 1. Principles Philosophy. 1, 2. Logic, Psychology	6
Mathematics. 1, 2 (a), 3. Algebra, Trigonom.; Anal. Geom.	5
Mathematics. 4, 5, 6. Physics. 1. Experimental Chemistry. 1. General Zoology. 1. Introductory Botany. 1. Introductory	3+2
Physical Training	1
	35

JUNIOR AND SENIOR YEARS

9 hours in one of the following groups:

1. Ancient Languages.
2. Modern Languages.
3. English.
4. Philosophy and Mathematics.
5. History, Government, Economics, Sociology.

Remaining 21 hours, elective.

Scientific Course

FRESHMAN YEAR	HOURS
English. 1, 2. Composition, American Literature	3
German. 1. or French. 1.*‡	3
History. 1. Mediaeval and Modern Europe	3
Mathematics. 1, 2(a), 3. Algebra, Trigonom.; Anal. Geom.	5
Chemistry. 1. General Physics. 1. Experimental Zoology. 1. Introductory Botany. 1. Introductory — *	3+2
Drawing. 1. Freehand	1
Physical Training	1
	21

SOPHOMORE YEAR	HOURS
English. 3. Literature, Language	3
German. 2 or French. 2*	3
Mathematics. 4. 5, 6. Analytic Geom., Diff. and Int. Calculus	5
Chemistry. 1. General Physics. 1. Experimental Zoology. 1. Introductory Botany. 1. Introductory — *	3+2
Chemistry 2 Qualitative and Quan. Analysis Physics. 2 or 3, 4. General Biology. 2. Embryology Botany. 2 or 3 — *	2+3
	21

JUNIOR AND SENIOR YEARS

30 hours, elective, except that some one science must be continued from Freshman and Sophomore to a total of three years, and a second science to a total of two years.

*Elect one subject.

†Elect a total of four courses for the two years, one of which must be an ancient language.

‡Students who offer French or German as an entrance requirement will not receive credit toward graduation for French 1 or German 1 in college.

‡Elect two courses.

Pre-Medical Course Leading to B. S. Degree

FIRST YEAR	HOURS
English 1, 2, Composition, American Literature	3
Latin 1,* Greek 1,* French 1, or German 1	3
Mathematics 2, 3. Trigonometry, Analytic Geometry	3
Chemistry 1, General	5
Biology**	5
Drawing 1, Freehand	1
Physical Training	1
	21

SECOND YEAR	
English 3. Literature, Language	3
French 2, or German 2	3
Physics 1, Experimental	5
Biology, first term** / Organic Chemistry, second term	5
Psychology or History	3
	19

Pre-Medical Course Not Leading to B. S. Degree

FIRST YEAR	
English 1, 2, Composition, American Literature	3
Latin 1,* Greek 1,* French 1, or German 1	3
Chemistry 1, General	5
Biology**	5
Drawing 1, Freehand	1
Elective	3
Physical Training	1
	21

SECOND YEAR	
French 2, or German 2	3
Physics 1, Experimental	5
Biology, first term** / Organic Chemistry, second term	5
Psychology or History	3
Elective	3
	19

*Latin 1, or Greek 1, may be taken by those who have had two years of a modern language in the high school.

**The course in Biology must include at least one-half year of Botany and one-half year of Zoology.

Combined Academic and Law Course

Students in the College of Arts and Sciences may, in their senior year of college work, elect certain courses in the College of Law, for which credit will be given to the extent of not more than fifteen hours towards the bachelor's degree.

Combined Academic and Medical Courses

1. Students in the College of Arts and Sciences may, in their senior year of college work, elect certain courses in the School of Medicine for which credit will be given to the extent of not more than fifteen hours towards the Bachelor of Arts or the Bachelor of Science degree.

2. Students will be granted the Bachelor of Science degree upon completion, first, of the pre-medical course required of candidates for that degree and, second, of the first two years of the course in the School of Medicine required for the degree of Doctor of Medicine.

COURSES OF INSTRUCTION

[*Unless otherwise indicated, each course runs through the year and is elective.*]

ASTRONOMY

PROFESSOR DINWIDDIE

1. Descriptive Astronomy.

A general course, with occasional meetings at night for observation. The course is fully illustrated by globes, charts, and lantern slides; and there is some work with the transit, sextant, etc., in determinations of time, latitude, true bearings, and other astronomical data.

Young, *Manual of Astronomy*; Upton, *Star Atlas*; Willson, *Laboratory Manual of Astronomy*.

Three hours a week. Elective for Juniors and Seniors in College of Arts and Sciences.

2. Celestial Mechanics and Practical Astronomy.

The object of this course is to meet the needs of those students who may desire to elect astronomy as a subject for more extended study.

Moulton, *Celestial Mechanics*; Campbell, *Practical Astronomy*.

BIOLOGY

PROFESSOR BEYER MR. POCHÉ

Physics Building

1. Zoology.

An introductory course presenting not only a systematic study of zoology, but also certain evolutionary aspects of the subject. Some attention will be given in the latter connection to the evolution of plants. This is a one-term course offered in both the first and the second terms, alternating with Botany 1.

Campbell, *The Evolution of Plants;* Parker and Haswell, *Manual of Zoology*.

Three hours a week.

1 L. Zoology Laboratory.

In the laboratory the work will consist in the study of the specific types, the classification of the unicellular organisms and dissection of the higher organisms.

There is no text-book; guide sheets outlining the work are issued by the instructor.

Two periods a week. Required of all who take Course 1.

2. Embryology.

An introduction to the processes of development in plants and animals. The course is comparative throughout and presents embryology in its function of determining phylogeny.

Text-book: Foster and Balfour, *Elements of Embryology*.

Three hours a week. Open to all that have completed Course 1 and 1 L, or its equivalent.

2 L. Embryological Laboratory.

The student will be required to follow and explain in detail the ontogeny of type specimens of plants and animals.

Two periods a week. Required of all who take Course 2.

3. Human Anatomy and Physiology.

While not as exhaustively treated as in the medical courses, a thorough foundation of the subjects, nevertheless, is laid. Particular emphasis is given to the origin and development of the various structures and functions of the human body, by comparison with those of the lower forms of animal life.

Martin, *Human Body*.

Three hours a week.

3 L. Physiological Laboratory.

The work in the laboratory follows the lecture course.

Two periods a week. Required of all who take course 3.

4. Entomology, Bacteriology, and Parasitology.

The subjects in this course are especially adapted to students intending to enter the medical profession. In the first part the structure and life histories of all orders of insects which may or do enter into direct relation with man or animals by their agency in disease transmission are especially studied. The second part, Bacteriology, consists of a comprehensive course of lectures on bacterial life and development. The third part, Parasitology, is devoted to the study of the life history of animal parasites.

Three hours a week. Open only to those who have completed courses 1 to 3.

Abbott, *Principles of Bacteriology;* Jordan, *General Bacteriology*.

4 L. Bacteriological Laboratory.

In the laboratory the student will be taught entomological dissection, the preparation of microtome material, cleaning and sterilization of bacteriological glassware, the preparation of culture media, culture and staining methods of bacteria, etc.

Two periods a week. Required of all that take course 4.

Archinard, *Bacteriology*.

5. Theoretical Biology.

In the First Term the science is studied historically, tracing the origin and development of the more important questions that confront the biologist to-day. In the Second Term the answering theories are explained and discussed in some detail.

Text-book: Osborn, *From the Greeks to Darwin*. Collateral reading of Darwin, Wallace, DeVries, Weismann, Haeckel, and others.

Three hours a week. Open to all that have completed Courses 1 to 4, or their equivalents.

5 L. Biological Laboratory.

The work will follow the lecture course and will deal largely with cytology.

Two periods a week. Required of all that take Course 5.

BOTANY

PROFESSOR COCKS

Richardson Memorial

1. A General Introductory Course pre-requisite for any other course in Botany.

(a) First term. The structure and functions of plants, including the Morphology and Physiology of leaves, stems, roots, flowers, fruits, seeds.

(b) Second term. The kinds and relationships of plants including (I) the study of types of the principal plant phyla, (II) the systematic study of some o the principal families o seed plants.

Ganong, *A Text Book of Botany for Colleges*.

Two lectures and three laboratory periods a week.

2. Morphology and Physiology and Classification of Mosses and Ferns.

D. H. Campbell, *Mosses and Ferns*.

Two lectures and three laboratory periods a week. Both terms.

3. A Course in Plant Ecology.

Clements, *Plant Physiology and Ecology*; Coulter, Barnes, Cowles, *Ecology*.

Two lectures and three laboratory periods a week. Both terms.

CHEMISTRY

ASSOCIATE PROFESSOR DOWELL ASSISTANT PROFESSOR MOSELEY

MESSRS. SHALLENBERGER, COUSIN AND EHRHART

Richardson Chemistry Building

1. General Chemistry.

Lectures, demonstrations, and recitations, involving general princi-

ples, laws of chemical combination, and a description of the elements and their important compounds.

McPherson and Henderson, *A Course in General Chemistry*.

Three hours a week.

MESSRS. MOSELEY, SHALLENBERGER, COUSIN AND EHRHART

1 L (a). General Chemistry Laboratory.

Introductory practice for the purpose of familiarizing students with the appliances, methods of manipulation, and processes of the laboratory.

Smith and Hale, *Laboratory Outlines of General Chemistry*,

Two periods a week. First term.

MESSRS. MOSELEY, SHALLENBERGER, COUSIN AND EHRHART

1 L (b). Elementary Qualitative Analysis.

W. A. Noyes, *Qualitative Analysis*.

Two periods a week. Second term. Courses 1 L (a) and 1 L (b) are required of all who take course 1.

MESSRS. MOSELEY, SHALLENBERGER, COUSIN AND EHRHART

2 (a). Qualitative Analysis. First term.

Stieglitz, *Qualitative Analysis*. Vol. I.

A. A. Noyes, *Qualitative Analysis*.

Two hours lecture; three periods laboratory practice.

MR. MOSELEY

2 (b). Quantitative Analysis. Second term.

Foulk, *Quantitative Analysis*.

Two hours lecture, five periods laboratory practice a week. Courses 2 (a) and 2 (b) are required of Scientific Sophomores specializing in Chemistry. Elective for all Arts and Sciences students who have completed courses 1, 1 L (a), 1 L (b). MR. MOSELEY

3. Organic Chemistry.

Three hours a week. Scientific Juniors specializing in Chemistry. Elective for all others who have completed courses 2 (a), 2 (b).

MR. DOWELL

3 L. Organic Chemistry Laboratory.

Preparation and analysis of typical organic compounds.

Two periods a week. Required of students who take course 3.

MR. DOWELL

4. Physical Chemistry.

A study of the laws of chemical combination; the properties of gases, liquids, solids, solutions; thermo-chemistry; electro-chemistry; photo-chemistry; chemical dynamics and statics.

Three hours a week. Scientific students specializing in Chemistry. Elective for all others who have taken courses Chemistry 3, Physics 2, and Mathematics 6.

MR. DOWELL

4 L. Physical Chemistry Laboratory.

Two periods a week. Required of all Scientific students specializing in Chemistry who are taking course 4. MR. DOWELL

CLASSICAL LANGUAGES

PROFESSOR BECHTEL ASSISTANT PROFESSOR RIEDEL

MR. SUTHON

Gibson Hall, Rooms 25, 27.

GREEK

Provision is made for those who have had no Greek before coming to the University. The Elementary Course, five hours a week throughout the year, will fully cover the preparatory work required in Greek for admission to the Classical Course. This elementary course makes it possible for Classical students, even though entering with insufficient preparation in Greek, to complete within the four years all their required work and more; it also makes it possible for Literary students to gain in college a fair knowledge of the language, literature, and culture of Greece.

1. Elementary Greek: Grammar; Xenophon's Anabasis; Greek Prose Composition.

As soon as the essential forms of the noun and the verb have been mastered, the translation of the Anabasis is taken up, with thorough drill in forms and syntax; exercises in composition are required once each week.

Burgess-Bonner, *Elementary Greek;* Hadley-Allen, *Greek Grammar*; Kelsey *Xenophon's Anabasis.*

Five hours a week. MR. RIEDEL

2. Lysias: Selected Orations: *For the Cripple*; *Against Eratosthenes*, with a careful review of the history of the Peloponnesian War and the rise and fall of the Thirty Tyrants; *On the Sacred Olive Tree* and *Against the Grain Dealers*, accompanied by an outline study of the economics of ancient Athens. This part of the course includes also a systematic review of forms and syntax, with exercises in Greek prose composition based upon the text of Lysias.

Homer: Odyssey. This part of the course consists in the rapid reading of the Odyssey, Books I, V-XI. While the main purpose of the

course is the enjoyment of Homer as poetry, it includes a thorough study of the Homeric dialect, forms, syntax, and metres.

Text Books: Adams, *Lysias, Selected Speeches*; Merry, *Homer, Odyssey, I-XII*; Liddell & Scott, *Intermediate Greek Lexicon.*

Three hours a week. Freshman, Classical. Open to those who have had course 1 or an equivalent. MR. RIEDEL

3. Oratory: Demosthenes, *On the Crown.*

The reading of this oration is accompanied by a systematic study of the rise and spread of the Macedonian Empire, the heroic struggle of Athens against it, and its influence upon the civilization of the world.

Drama: Sophocles, *Antigone;* Aristophanes, *Clouds.*

The second half of the year is devoted to the careful interpretation of a representative Greek tragedy and comedy as works of dramatic art; the history of the development of the Greek drama, the metres of both chorus and dialogue parts, the Greek theatre, and the method of presenting Greek plays are also studied.

Three hours a week. Sophomores, Classical. Open to those who have had course 2 or an equivalent. MR. RIEDEL

4. Herodotus: Books VI and VII.

Thucydides: Sicilian Expedition, Books VI and VII.

Three hours a week. Open to students who have completed Greek 3. Alternates with Course 5. MR. BECHTEL

[**5. Plato**: *Apology*, *Crito*, and *Phaedo*. **Theocritus.**

Homer: *Iliad.* Selections from the entire poem will be read.

Three hours a week. Open to all students who have completed Greek 3, or an equivalent. Course 5 alternates with Course 4.]

Not given in 1917-1918. MR. RIEDEL

LATIN

0. Virgil: Aeneid.

Introduction to Latin poetry; metres, style, and subject matter of the Latin Epic.

Three hours a week. Required of all classical students who enter with less than four units in Latin. MR. SUTHON

1. Cicero: Cato Major; **Terence:** Phormio; **Ovid:** Metamorphoses.

This course includes a careful review of the classical forms and syntax and prose composition. Stress is laid upon the use of idiomatic English in translation.

Bennett, *Latin Grammar;* Bennett, *De Senectute*; Miller, *Ovid*;

Laing, *Phormio;* Bennett, *Latin Composition*; Lewis, *Latin Dictionary.*

Three hours a week. Freshmen, Literary and Classical.

MR. BECHTEL

2. Livy: Selections from the Third Decade.

Horace: Satires and Epistles.

Three hours a week. Sophomores, Literary and Classical.

MR. BECHTEL

3. Horace: Odes and Epodes.

Pliny: Selected Letters.

Three hours a week. MR. BECHTEL

4. Tacitus: Agricola and Germania. Selections from Histories.

Juvenal: Satires.

Three hours a week. MR. BECHTEL

[**5. Tacitus:** Annals, I-VI.

Plautus: Captivi and Mostellaria.]

Three hours a week. Course 5, alternating with course 4, will not be given in 1917-18. MR. BECHTEL

6. Roman Law.

An introductory outline of certain fundamental principles of Roman law, together with the reading of large portions of the Institutes of Justinian.

Open to students who have completed Latin 1, or an equivalent.

Two hours a week. MR. BECHTEL

DRAWING

PROFESSOR WILLIAM WOODWARD

Stanley Thomas Hall

Freehand drawing is required throughout the Freshman year in the Scientific Course both for its training value and as a language or means of graphic expression, with which a man of science should be equipped.

1. Freehand Drawing.

Exercises in drawing from plaster casts of ornament, etc., to train the eye in estimating proportion quickly and accurately and the hand in recording form in line with proper shading.

Practice in applying the laws of perspective to object-drawing with shading. Work in the museum.

Application of color to the study of models and other objects.

Elements of mechanical drawing and lettering.

One period a week. Scientific Freshmen.

ECONOMICS AND SOCIOLOGY

PROFESSOR ALDRICH

Gibson Hall, Room 40

Students who are likely to elect more than one course in Economics are strongly advised to elect Economics I in their Sophomore or Junior year.

1. Principles of Economics.

a. This course deals, first, with the fundamental principles which underlie all business. These principles are discussed with constant reference to the industrial development of the United States and to the economic aspects of our legal and political problems.

b. Certain questions of applied economics, such as immigration, trade unions and other problems of labor, rural credits, the tariff, speculation, trusts, government control of industry, and taxation, are selected for more extended discussion in the light of these principles.

c. Students in this course have the opportunity to hear the principles and practical problems of business organization and management discussed, in the College of Commerce and Business Administration, by men who are actively engaged in the administration of successful business enterprises.

Much of the class-room work takes the form of free, oral discussion. A fundamental aim is to aid students to think, with accuracy, insight, and sound judgment, for themselves.

Taussig, *Principles of Economics*; and parallel reading.

Three hours a week. Open to Sophomores, Juniors and Seniors.

One or more of the following courses will be offered in 1917-1918:

2. The Growth of American Life and Character: History and Interpretation.

The aim is to widen and deepen the student's understanding of the changes going on in the environment and character of the American people.

A chronological outline of changes in the structure and spirit of American society leads to discussions of the direction and methods of social progress; of important diversities in American life, such as unlikenesses between individuals, races, sections, city and country life, and economic and social classes; of the unity which does or should underlie these diversities; and of the meaning of democracy and of a democratic spirit.

Three hours a week. Usually open only to students who have taken Economics 1.

3. Problems of Labor and of Industrial Organization.

This course aims to promote understanding and sound judgment on questions of capital and labor. To this end it deals with: (a) The economic and social condition of workingmen. (b) Organized efforts to improve these conditions, such as workingmen's insurance, trade unions, profit sharing, and coöperation.

Three hours a week. Usually open only to students who have taken Economics 1.

4. Money, Banking, and International Payments.

The principles underlying the phenomena of money and banking are sought through study of the production of the precious metals, the history of prices, and the experiences of various countries with metallic and paper money, credit, and banking. The Babson and Brookmire charts and financial services are used in the study of the money market; and especial attention is given to the subjects of crises and cost of living and to the recent changes in the National banking system.

Three hours a week. Usually open only to students who have taken Economics 1.

5. Public Finance.

More than one half of the work deals with the subject of taxation; but some attention is given to financial administration, public debts, the budget, and selected topics in the financial history of the United States.

Three hours a week. Usually open only to students who have taken Economics 1.

ENGLISH

PROFESSOR SHARP

ASSOCIATE PROFESSOR ROUTH — *Gibson Hall, Room 39*

ASSOCIATE PROFESSOR BROWN — *Gibson Hall, Room 24*

1. Composition and Rhetoric.

All Freshmen. Two hours a week.

The purpose of this course is to awaken and cultivate the creative power, and, by the study of selected literature and frequent practice in writing to instill a taste for good reading and to develop an accurate and effective power of expression.

Recitations; daily themes on assigned subjects, popular and literary, corrected and discussed. Fortnightly compositions, descriptive, narrative, expository, argumentative, corrected and criticised.

MR. BROWN

2. American Literature.

All Freshmen. One hour a week.

The history of American literature and its relation to national life and society. Assigned readings.

Assigned readings in English literature, and in classical mythology in so far as it bears upon English literature. MR. BROWN

3. English Literature.

Three hours a week. Both terms. All Sophomores.

A sketch history of English literature from the beginnings to the present, with closer study of selected masterpieces. MR. ROUTH

4. English Drama.

Three hours a week. First term. Elective in Junior and Senior years.

Selected plays of the Elizabethan period, including two or more of Shakespeare's plays, will be studied. Frequent reports and essays will be discussed and criticized. MR. BROWN

5. Chaucer.

Three hours a week. Second term. Elective in Junior and Senior years.

The study will be mainly literary, but attention will be paid to language, grammar, and metre, and to Chaucer's relation to his time. MR. BROWN

6. Argumentation and Debate.

Three hours a week. Both terms. Elective in Junior and Senior years.

The theory and form of argumentation. How to make a brief. How to write and deliver a speech. Special practice in writing English designed for speaking. Practice in public speaking and formal debate. MR. ROUTH

7. Old English.

Three hours a week. Both terms. Elective in Junior and Senior years.

This course is intended as an introduction to the advanced study of the language and literature. Grammar; written exercises; readings. MR. BROWN

8. Journalism: Gathering and Writing News.

Three hours a week. Both terms. Open to Seniors, Juniors and such Sophomores as have shown special ability in writing.

How to write quickly forcible English that does not need revision. A large number of papers are kept on file for the study of difference in style. How to observe and report events correctly. Accurate

knowledge of the law of libel; lectures before the class by a member of the Tulane Law School. Lectures before the class, from time to time, by newspaper publishers and editors. The class is under the general supervision of a board of advisors from New Orleans papers.

MR. ROUTH

FRENCH

(See under Romance Languages).

GEOLOGY

MR.————————

Richardson Chemistry Building.

1. Physiography.

This course is intended to serve as an introduction to science; the following topics will be studied: the elements of physics and chemistry, and their relation to the formation and composition of the earth's crust; mountain-building and valley-making processes; volcanoes; earthquakes; the sea; dew, rain, and snow; movements of the earth and its relation to the sun, moon, and planets.

Three hours a week, recitations and lectures; and two laboratory periods of one hour each. First term.

2. Geological Materials.

The following subjects will be briefly studied: the geographical relations, occurrences, composition, and economic bearing of the common mineral and rocks, especially those used for building; soils; clays; coals; peat; salt; sulphur; oil and gas; road material; iron; gold; silver; copper; etc.

Three hours a week, recitations and lectures; and two laboratory periods of one hour each. Second term. Open to all students who have studied the elements of chemistry or physiography.

3. Principles of Geology.

The course will consist of lectures and readings on general geology, illustrated with museum specimens, maps, and views. Special attention will be given to the processes and materials with which the engineer has to deal, such as the formation of natural levees; bars and shoals in rivers and harbors, ground waters, artesian wells, and water supply; cements, building stones, clays, road materials.

Norton, or Chamberlain and Salisbury, *Elements of Geology.*

Three hours a week, lectures and recitations; and one half-hour study of maps and specimens.

GERMAN

PROFESSOR RANSMEIER MR. BECKER

Gibson Hall, Room 33.

1. Elementary German.

Pronunciation, grammar, and exercises. Easy standard prose. The object of this course is to teach the student the fundamental principles of grammar, to write easy sentences, to read simple prose, and to understand an easy form of the spoken language.

Three hours a week.

MESSRS. RANSMEIER AND BECKER

2 (a). Intermediate German.

Lyric poetry, and selected works of the narrative and dramatic literature of the nineteenth century. Written and oral drill. Collateral reading of simpler German for the development of speed. Selected readings in the history of German literature.

This course presupposes the completion of Course 1.

Three hours a week. MR. RANSMEIER

2 (b). Scientific German.

Drill in pronunciation and rapid reading. A reader of graded selections will be followed by one or more works of recognized scientific value. Reading of articles in scientific periodicals.

This course presumes the completion of German 1.

Three hours a week. MR. BECKER

3. Introduction to the Classical Period of the Eighteenth Century.

Lessing's *Minna von Barnhelm*, Schiller's *Wallenstein's Tod* and Goethe's *Egmont.* Collateral reading and study of the literary history of the period. Lyrical poetry. Oral and written drill.

This course follows course 2 (a). It is open, also, to students who have completed German 2 (b).

Three hours a week. MR. RANSMEIER

4. Nineteenth and Twentieth Century Dramatic Literature.

A rapid reading course in masterpieces of these centuries. Representative dramas of such authors as Kleist, Grillparzer, Gutzkow, Hebbel, Anzengruber, Wildenbruch, Hauptmann, Sudermann, Fulda and Otto Ernst will be read. Collateral reading in the history of nineteenth century literature.

This course presumes the completion of courses 1, 2 (a) and 3, or their equivalents.

Not given in 1917-18.

Three hours a week. MR. RANSMEIER

5. Nineteenth and Twentieth Century Fiction.

A rapid reading course in the masterpieces of nineteenth and twentieth century fiction. Selected works of sueh authors as H. von Kleist, Hauff, Hoffmann, Grillparzer, Ludwig, C. F. Meyer, Storm, Heyse, Raabe, Fontane, Wildenbruch, Sudermann. Collateral reading in the history of nineteenth century literature.

This course presumes the completion of courses 1, 2 (a) and 3, or their equivalents.

Three hours a week. MR. RANSMEIER

6. German Conversation.

Drill in the spoken application of the vocabulary and idioms of daily life. The map of Germany; the government of the country. Manners and customs, myths and popular beliefs.

Open to students who have taken, or are taking German 2 (a) or German 2 (b).

Not given in 1917-18.

Two hours a week. MR. RANSMEIER

7. German Conversation.

Drill in the speech of daily life. German institutions, national habits and character, landscape, the daily round of life.

Open to students who have taken, or are taking German 2 (a) or German 2(b).

German 5 and German 6 are complementary to each other, and are given in alternate years.

Two hours a week. MR. RANSMEIER

HEBREW

PROFESSOR HELLER

Gibson Hall, Room 2.

1. Elementary Hebrew.

Reading; rudiments of grammar; translation of historical portions of the Bible.

Davidson's *Hebrew Grammar.*

Three hours a week.

2. Unpointed Hebrew.

Review of grammar; syntax; translation of prophetic and poetical portions of the Bible.

Harper's *Selections.*

Two hours a week.

The course is intended for those who wish to become acquainted

with the Semetic group of languages and literatures; it is to embrace, in due time, a study of post-biblical Hebrew, of Biblical and post-biblical Aramaic, of classical Arabic.

HISTORY AND POLITICAL SCIENCE

PROFESSOR WHITE

Gibson Hall, Room 32.

HISTORY

1. Mediæval and Modern Europe.

A general survey of European history from the German invasions of the Roman Empire to the present time.

Text-books, lectures, collateral readings.

Three hours a week. Required of Freshmen in the College of Arts and Sciences.

2. The History of Great Britain.

A general course with emphasis upon the modern period.

Text-books, lectures, collateral readings.

Three hours a week. Elective in the Sophomore year.

This course alternates with Course 3. Not given in 1917-1918.

3. Europe Since 1815.

This course is intended for students who wish to devote more time to modern European history than Course 1 requires.

Text-books, lectures, collateral readings.

Three hours a week. Open only to students who have taken Course 1.

4. History of the United States to 1829.

A course on the political, social, and economic development of the country. The period from the discovery of America to the election of President Washington will be studied the first semester; from the election of President Washington to the Jacksonian period, the second semester.

Text-books, lectures, collateral readings, and reports.

Three hours a week. Not open to Freshmen.

This course alternates with Course 5.

5. The United States Since 1829.

This course continues the work of Course 4—from 1829 to 1865, the first semester: from 1865 to the present, the second semester. Special attention will be given to the development of the South.

Text-books, lectures, collateral readings, and reports.

Three hours a week. Open to students who have taken Course 4. Not given in 1917-1918.

POLITICAL SCIENCE

1. An Introduction to Political Science.

A general survey of the field of political science.

Text-books, lectures, collateral readings.

Three hours a week. Not given in 1917-18.

2. American Government and Politics.

A study of the origin and adoption of the constitution, a consideration of the government as carried on under that instrument, and political conditions as they are in the United States today. Considerable attention will be given to state and municipal governments.

Text-books, lectures, collateral readings, and reports.

Three hours a week. Elective in the Junior and Senior years.

3. European Governments.

A study of the constitutional organizations of the chief European countries, with considerable attention to the principal political issues in these countries.

Text-books, lectures, collateral readings, and reports.

Three hours a week. Elective in the Junior and Senior years. Not given in 1917-1918.

MATHEMATICS

PROFESSOR DINWIDDIE MR. GWINN

ASSISTANT PROFESSOR MENUET

Gibson Hall, Rooms 19 and 23.

1. Algebra.

Infinite series, undetermined coefficients with application to infinite series and partial fractions, permutations and combinations, probability, logarithms determinants, Graphs, and the Theory of Equations.

Ashton & Moss, *College Algebra.*

Five hours a week. First term, two months. All Freshmen.

MESSRS. MENUET AND GWINN

2 (a). Plane Trigonometry.

Theory and application of the trigonometric functions, with special attention to their periodic and related properties.

Palmer and Leigh, *Plane Trigonometry.*

Five hours a week. First term. All Freshmen.

MESSRS. MENUET AND GWINN

2 (b). Spherical Trigonometry.

The derivation of the necessary formulae, and the solution of Right and Oblique triangles.

Second term. Elective. MR. MENUET

3. Analytic Geometry.

An introductory course in plane analytic geometry.

Smith and Gale, *New Analytic Geometry.*

Five hours a week. Second term. All Freshmen.

MESSRS. MENUET AND GWINN

4. Analytic Geometry.

Elements of plane and solid analytic geometry supplemented by a brief course of lectures on special subjects. A continuation of course 3.

Smith and Gale, *New Analytic Geometry*; Charles Smith, *Conic Sections.*

Five hours a week. First term, two months. Required of Scientific Sophomores; elective for other Sophomores. MR. DINWIDDIE

5. Differential Calculus, and

6. Integral Calculus.

Courses 5 and 6 are run continuously from the end of the second half-term to the end of the second term. The fundamental principles of the differential and integral calculus are studied, with special application to geometry and mechanics.

Granville, *Elements of Differential and Integral Calculus.*

Five hours a week. First term, two months, and second term. Required of Scientific Sophomores; elective for other Sophomores.

MR. DINWIDDIE

7. Differential Equations.

The elements of differential equations with application to geometrical and physical problems.

Murray, *Differential Equations*; Forsyth's *Differential Equations.*

Three hours a week, both terms. Elective for Juniors and Seniors.

MR. DINWIDDIE

8. Theory of Equations.

Burnside and Panton, *Theory of Equations.*

Three hours a week. Elective.

MR. DINWIDDIE

PHILOSOPHY

ASSOCIATE PROFESSOR MCCLURE

Gibson Hall, Room 23.

1. Scientific Method.

A course concerned primarily with *methods* of thinking and studying. The nature of reflective thinking, the logical processes involved, the errors to which thinking is liable, training in methods of thinking and studying, and the logical steps involved in building up an organized system of knowledge are topics which will receive consideration.

Three hours a week. Both terms. Elective.

2. Psychology.

An elementary course in descriptive and physiological psychology followed in the second half year by an introductory course in social psychology.

Three hours a week. Both terms. Elective.

3. Moral and Social Philosophy.

This course begins with a brief historical survey of moral and social theories. It then proceeds to a psychological analysis of the original nature of man as a basis for constructive theories of moral and social conduct. Attention will be constantly directed to current moral, social, economic and political problems and conditions.

Three hours a week. Both terms. Elective.

4. History of Philosophy.

This course traces the history of philosophy from its earliest beginnings among the Greeks to the present time. Extensive readings from the sources. Lectures, essays and discussions.

Three hours a week. Both terms. Elective.

PHYSICAL TRAINING

MR. HANSON

Gymnasium

Attendance in the gymnasium two half-hours each week in systematic physical training is required of every student during his first year in the University, unless he is excused by the University Medical Officer, or, on presenting satisfactory evidence of having had equivalent training at another college or university, is excused by the Dean. At the opening of the term a thorough physical examination is given each student, and where needed, special physical training or medical

attention is prescribed. No request for excuse from the gymnasium work will be entertained unless this physical examination has first been taken.

PHYSICS

PROFESSOR CLO

MESSRS. WOOD, SHALLENBERGER AND PERKINS

Physics Building.

1. Experimental Physics.

A descriptive course, abundantly illustrated by lecture experiments, and covering in an elementary way all the sub-divisions of physics.

Open to Freshmen and Sophomores in the College of Arts and Sciences,

(a) Lectures, three hours per week; (b) laboratory, two periods per week.

2. General Physics.

A general course including the whole subject of physics, but of a more advanced character than course 1.

Primarily for Scientific and Engineering Sophomores, but open to all other students who (1) have completed Mathematics 1, 2, 3, and who (2) are either taking Mathematics 4, 5, or have completed Physics 1.

(a) Lectures and recitations, three hours per week; (b) laboratory, two periods per week.

3. Electricity and Magnetism.

A course in a more advanced study of electricity and magnetism, and electrical measurements than that required in course 2.

Primarily for Engineering and Scientific Juniors, but open to all other students who have completed Physics 2, and Mathematics 4, 5, and 6, or their equivalents.

(a) Lectures and recitations, three hours per week; (b) laboratory, two periods per week. First term.

4. Light.

A special course in light, intended to supplement the work of course 2. Advanced experimental work in reflection, refraction, interference and polarization.

Primarily for Scientific Juniors, but open to all others who have completed Physics 2 or its equivalent.

(a) Lectures and recitations, three hours per week; (b) laboratory, two periods per week. Second term.

5. Analytical Mechanics.

This course is M & M 33 in the College of Technology. It is intended primarily for Engineering Juniors, but may be taken as a requirement in science by a student specializing in Physics in the College of Arts and Sciences.

ROMANCE LANGUAGES

PROFESSOR MARIN LAMESLÉE MR. KENDALL

Gibson Hall, Rooms 31, 23.

FRENCH

1. Elementary Course: Grammar and Reading.

Section A, Open only to students who have no knowledge of French. Fraser and Squair; *Shorter French Course*; Koren and Chapman's *French Reader*. Written and oral exercises founded on selected texts. Dictation.

Section B. For students with a previous knowledge of French who need to make a thorough review of the grammar.

Fraser and Squair, *Shorter French Course*; Koren and Chapman's *French Reader*; Malot, *Sans Famille*. Written and oral exercises founded on selected texts. Dictation.

Three hours a week. MR. LAMESLÉE

2. Intermediate Course: Grammar, Reading and Composition.

For students who have taken French I or its equivalent. Fraser and Squair, *Shorter Freuch Course* (continued); Mérimée, *Colomba*; Schinz' *Selections from Guy de Maupassant*; Bazin, *les Oberlé*; Daudet, *Contes choists*; Bazin, *Le Blé qui lève*; Michelet, *Histoire de France* (Buffum). Composition based on selected texts. Dictation.

Three hours a week. MR. LAMESLÉE

3. Advanced Course: Study of Idioms and Composition.

For students who have taken French 1 and 2, or their equivalent. Conducted as far as possible in French. Weekly themes based on some of the following texts: Lesage, *Gil Blas;* De Vigny, *Cinq Mars*; Balzac, *Les Chouans*, *Le Curé de Tours*, *Eugénie Grandet*, *Le Père Goriot*; George E. Sand, *La Mare au Diable*, *Francois le Champi*, *Les Maîtres Sonneurs*; Hugo, *Les Misérables*, *Quatre-Vingt Treize*, *Les Travailleurs de la Mer*; Zola, *La Débâcle*; France, *Le Crime de Sylvestre Bonnard*, *Monsieur Bergeret;* Loti, *Pêcheur d'Islande*.

Three hours a week. MR. LAMESLÉE

4. Advanced Course: Study of Idioms and Composition.

For students who have taken French 1, 2 and 3, or their equivalent. Conducted as far as possible in French. Weekly themes based on some of the following texts: Corneille, *Le Menteur*, *Le Cid*; Racine, *Andromaque*, *Athalie*; Molière, *Les Femmes Savantes*, *Le Bourgeois Gentilhomme*; Lesage, *Turcaret*; Marivaux, *Le Jeu de l'amour et du hasard*; Voltaire, *Zaïre*; Beaumarchais, *Le Barbier de Séville*; Hugo, *Hernani*, *Ruy Blas*; Dumas fils, *La Question d'argent*; Augier, *Le fils de Giboyer*; Bornier, *La Fille de Roland*; Pailleron, *Le Monde où l'ou d'ennuie*; Coppée, *Pour la Couronne;* Rostand, *Cyrano de Bergerac*; Lavedan, *Le Duel*.

Three hours a week. MR. LAMESLÉE

5. General Survey of French Literature.

Lectures, reading, oral and written reports. Conducted in French.

This course aims to bring out the chief characteristics of the various epochs in French literature, the evolution of French thought and literary ideals from *La Chanson de Roland* to the present day. The work will include oral and written reports upon assigned readings from masterpieces, and critical essays. Students are expected to take notes on the lectures and write them up in a special note-book.

Text-books to be announced later.

Three hours a week. MR. LAMESLÉE

6. Classical Drama.

A study of the development of the drama in France down to the end of the XVIIIth Century with especial reference to the great classical writers. Conducted in French.

For graduates and undergraduates.

Three hours a week. MR. LAMESLÉE

7. The Romantic School.

A survey of the history of French romanticism. Conducted in French.

For graduates and undergraduates.

Two hours a week. MR. LAMESLÉE

ITALIAN

Elementary: Grammar and Reading.

Not open to students who are taking Elementary French or Spanish.

Text-books: Grangent, *Italian Grammar*; Wilkins', *Notes on Italian Grammar and Exercises in Italian Composition*; Marinoni, *Italian Reader*; Wilkins and Altrocchi, *Italian Short Stories*. Written and oral exercises founded on selected texts. Dictation.

Three hours a week. MR. LAMESLÉE

SPANISH

1. Elementary Spanish.

Grammar; class-room reading; composition begun.

Hills' and Ford's *Spanish Grammar*; Carter and Malloy, *Cuentos Castellanos*; Alarcón, *El Capitán Veneno.*

Three hours a week. MR. KENDALL

2. Second Year Spanish.

Composition; class-room reading. Grammar reviewed and completed.

Umphrey's *Spanish Composition*; Moratín, *El Si de las Niñas*; Galdós, *Doña Perfecta.* Selections from *Don Quijote.* Parallel reading of modern Spanish poetry.

Three hours a week. MR. KENDALL

3. Third Year Spanish: Literature and Composition.

Criticism; class-room reading; private reading of ancient and modern poetry.

Fitzmaurice Kelly, *Historia de la Literatura Española*; Ford's *Spanish Anthology.* Selected poems and plays of Lope de Vega and Calderon. Monthly reports and essays in Spanish.

Three hours a week. MR. KENDALL

4. Fourth Year Spanish: History of Spanish Literature.

Open to students who have had Spanish 3, or equivalents.

Lectures, reports in Spanish, parallel reading in the Spanish classics.

Open to graduates and undergraduates.

Three hours a week. MR. KENDALL

GENERAL INFORMATION

LIBRARIES

The libraries of the University contain scientific and literary publications and are depositories of public documents; constant accessions are made to them through donations and purchase. They already contain upward of 70,000 volumes, including a large collection of public documents. There are in addition, from 5,000 to 10,000 pamphlets.

The public libraries of New Orleans, together with the University libraries, afford excellent opportunities for research work in many directions. They are open to students of the University on the most favorable conditions.

MUSEUMS

The University Museum occupies nearly the entire third floor of Gibson Hall. The collections have been so arranged that the various branches may be studied with facility by the students of the University and the public in general. An index containing a brief reference and data of each numbered specimen of the various departments of Natural History has been prepared, and by its use any desired specimen may be located without loss of time. A copy of this index is kept in each of the administrative offices as well as the museum.

Anthropology.—This department is continually increasing in valuable material, especially of American aborigines. The curator has investigated numerous earth and shell mounds in various parts of Louisiana; and the results of his researches, consisting of pottery, stone implements, and skeletons of the mound builders, have been added to the collection. The investigations in Louisiana archæology will be continued in the future.

Zoology.—The animal kingdom is well represented and still existing gaps are filled as rapidly as time and opportunity permit. Several divisions, especially osteology and herpetology, have been greatly increased by donations and preparations made by the curator and by the students.

The Museum is indebted to Colonel George Soulé for valuable additions of osteological and wax-model preparations.

Groups of birds in their natural surroundings make the life history of a species apparent at a glance.

Botany.—The hebarium has been removed from the museum to the new Botanical department in the Richardson Memorial. While the number of plants is not large, the Flora of Louisiana is fairly completely represented by about a thousand plants of the old "Hale, Riddell, Carpenter collection," put up between 1840 and 1850, and by the collection of the present Professor of Botany, amounting to about thirty-five hundred species put up during the last ten years. Plant material of all kinds, epecially from the Gulf States, is greatly desired.

The Gustave Kohn Collection of the Natural History of Louisiana, donated to the University by the eminent scientist whose name it bears, contains about 15000 specimens of the fauna and flora of Louisiana, including most of the known species of plants and animals found within the borders of the state. It represents nearly fifty years industrious collecting on the part of the donor and forms an invaluable addition to the museum.

Palæontology and Geology.—Some 3000 fossils and casts of fossils are arranged to show the close connection of Palæontology with the sciences of Zoology and Botany on one side and Geology on the other. A series of Professor Unger's charts, illustrating the geologic periods of the earth, are placed to correspond with the contents of the nearest museum cases. Additions to the department have recently been made by exchange with the Rev. Henry H. Thomas, of New Jersey, one of the foremost workers in Geology.

Mineralogy.—The mineralogical collections now contained in a separate hall have been rearranged. They number fully 3000 specimens of classified rocks, ores, and other minerals from various States and Territories of the Union.

Linton-Surget Hall.—The Art Museum in the Tilton Memorial Library embraces the Linton-Surget collection of works of art donated to the City of New Orleans by the late Mrs. Eustace Surget, of Bordeaux, France, and by an ordinance of the City Council placed under the charge of the Administrators of the University; valuable historical portraits and marble statuary donated by Mrs. C. B. Surget, of Bordeaux, France; statues and other objects of art donated by Mrs. F. W. Tilton; the loan collection of Mrs. J. L. Harris and Mrs. Samuel H. Kennedy, of New Orleans; and various bronzes, marbles, paintings, engravings, and other works of art, donated or loaned to the University.

The books, about 2000 volumes, forming a part of the Linton-Surget donation, are preserved in the library.

LABORATORIES

Art and Architecture.—The new Stanley Thomas Building contains studios for drawing and painting designed from an experience of 25 years study of local climatic conditions, and are arranged to exclude all except the strictly north light from above, and at the same time to admit air freely. There are separate studios for freehand drawing, color study, clay modeling, and a wide top-lighted hall for exhibitions; also a large studio for architectural design.

The Linton-Surget and loan collections of paintings, marbles, bronzes and art objects are extensive and valuable, and are placed to advantage in the Tilton Memorial Library.

The Newcomb Art School galleries and the Delgado Art Museum in the City Park offer varied opportunities for art study.

Biology.—The work of the Department of Biology is carried on for the present in the Physics Building, where several rooms, including a large general laboratory, 50 by 32 feet, and a lecture-room, are devoted to its needs. All necessary apparatus for the work of the department, such as microscopes and accessories, is provided. The organisms which occur in this region make it a rich field for investigators; the equipment of the laboratory is well adapted to the study of their microscopical anatomy, embryology, and morphology.

Botany.—The Botanical Laboratory, with which at present is associated the Laboratory of Pharmacognosy, is situated on the fourth floor of the new Richardson Memorial building. It will be supplied with all apparatus necessary for every line of work both in Botany and Pharmacognosy.

Chemistry.—All the work in chemistry pursued by the Undergraduate, Medical, Pharmaceutical, and Dental students is now carried on in the Richardson Chemistry Building, recently remodeled and enlarged to twice its former capacity. Here, there are ample accommodations for a large number of students in every kind of laboratory work, and the building is fitted up with all necessary work-tables, hoods, sinks,and other conveniences.

There are large laboratories for general chemistry and qualitative analysis, physiological, pharmaceutical, organic, and industrial chemistry; smaller ones for quantitative analysis, physical chemistry, electro-chemistry, assaying, spectroscopy, photography, gas, water and fertilizer, and food analysis. Other rooms are devoted to research, store, preparation, offices, etc. The main auditorium seats three hundred students.

Physics.—The work in physics is carried on in the Physics Building, a spacious structure, two stories high, 125 feet long by 53 feet deep. This building, planned with great care and attention to detail, affords good facilities for physical demonstration and research. Most of the instrumental equipment of the laboratory is excellent, many of the instruments being of the most approved forms and from the best makers of this country and Europe. A well equipped work shop is in the laboratory; and a mechanician is almost constantly employed in the manufacture, repair, and modification of apparatus. Some of the most useful instruments in the collection have been made in this shop.

YOUNG MEN'S CHRISTIAN ASSOCIATION

An active and efficient Young Men's Christian Association has been in operation for three years. The Association issues a complete students' handbook, which may be obtained on application to the Secretary. A clubroom is maintained, with reading tables, periodicals, etc., for the convenience of the students.

DISCIPLINE

The University is, in tone, Christian, but not sectarian. The discipline of the institution is mild but firm. The students are presumed to be cultured, and a high standard of honor and truthfulness is inculcated and maintained. Should a student prove deficient in either, or so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents will be respectfully requested to withdraw him. Any gross breach of discipline is visited with suspension, dismissal, or expulsion.

The regular matriculated students of the College constitute the official student body and elect a Student Council, to which for the past thirty-one years has been entrusted the honor system and the general discipline of the student body. This system has worked satisfactorily.

CALENDAR, 1917.

JANUARY

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THE TULANE UNIVERSITY OF LOUISIANA

NEW ORLEANS

ROBERT SHARP, A. M., Ph. D., President.

The University, in all its departments, is located in the City of New Orleans, the metropolis of the South. There are twelve departments, with twenty-four buildings. Modern dormitories, extensive laboratories, libraries, and museums.

THE COLLEGE OF ARTS AND SCIENCES, for men, offers full courses in Literature and Science. Many scholarships open to high school graduates.

THE COLLEGE OF TECHNOLOGY offers unexcelled four year courses in the following schools: Mechanical-Electrical Engineering, Civil Engineering, Chemistry and Chemical Engineering, Architecture and Architectural Engineering.

THE NEWCOMB COLLEGE FOR WOMEN, offers full courses in Literature, History, Science, Art, Music, Domestic Science, and Domestic Art. Special training for prospective teachers of high and elementary schools.

THE FACULTY OF GRADUATE STUDIES, open to graduates of approved colleges, offers advanced courses leading to the degrees of A. M., E. E., M. E., C. E., M. Arch., Ch. E., and Ph. D. A number of Fellowships are awarded annually.

THE COLLEGE OF LAW offers two complete courses, each leading to the degree of Bachelor of Laws; one to prepare students for practice in Common Law States, the other to prepare students for practice in Louisiana.

THE COLLEGE OF MEDICINE, embracing:

THE SCHOOL OF MEDICINE, established in 1834, with unexcelled laboratory and clinical advantages, offers a five-year course to High School graduates. Women admitted on same terms as men.

THE GRADUATE SCHOOL OF MEDICINE, established in 1888, as the New Orleans Polyclinic. Graduate courses offered in all fields of medicine, including research.

THE SCHOOL OF HYGIENE AND TROPICAL MEDICINE, offers short courses in public health and tropical medicine. Regular courses for degrees of Dr. P. H. and Dr. T. M.

THE SCHOOL OF PHARMACY, established in 1838. Degrees of Ph. G., (2 years), Ph. C. (3 years), and Pharm. D. (4 years), offered. Women admitted on same terms as men.

THE SCHOOL OF DENTISTRY, established in 1899, as the N. O. College of Dentistry, offers a full three-year course leading to the degree of D. D. S., with practically unlimited clinical material. Women admitted on same terms as men.

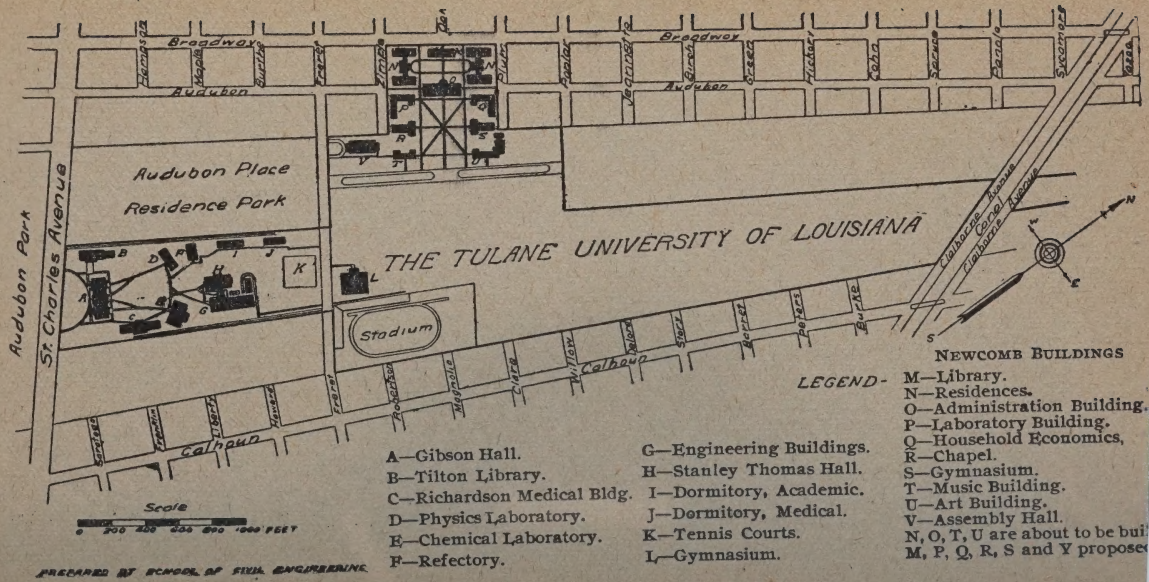
THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION offers substantial professional training preparing for a business career. Night classes for business men and a four year day course leading to the degree of Bachelor of Business Administration.

COURSES FOR TEACHERS offers a number of courses of full University grade. Non-teachers admitted.

TULANE SUMMER NORMAL SCHOOL offers a great variety of college and educationnl courses.

For special circulars or for detailed information, address the Deans of the respective departments. For General Register of the University, address,

REGISTRAR OF THE TULANE UNIVERSITY OF LOUISIANA,
Gibson Hall, New Orleans.



PLAT OF UPTOWN CAMPUS, SHOWING LOCATION OF PROPOSED NEWCOMB BUILDINGS

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